



Social and public health effects of climate change in the '40 South'

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Abstract:

This work provides an overview of the literature on the current and projected social and health effects of climate change in countries affected by sub-Antarctic atmospheric circulation, including Argentina, Australia, Chile, New Zealand, and South Africa. These countries, which for convenience we gloss as '40 South', are already experiencing considerable impact. Climate change particularly impacts on water and food security, extreme weather events and migration. Projections indicate that the continuing impact of climate change may precipitate political and socioeconomic crises, including increased local, regional, and international migration. We highlight the similarity of the countries in terms of geography, current, and projected climate change impacts, adopted mitigation and adaptation strategies, and vulnerable population groups. While the health and social consequences of climate change draw attention to the differences in the social, political, and economic differences between the countries, we argue the strategic and scientific value of comparisons between them. © 2011 John Wiley & Sons, Ltd.

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Resource Description

Exposure :

weather or climate related pathway by which climate change affects health

El Nino Southern Oscillation, Extreme Weather Event, Food/Water Quality, Food/Water Security, Food/Water Security, Human Conflict/Displacement, Precipitation, Temperature

Extreme Weather Event: Drought, Flooding, Wildfires

Food/Water Quality: Chemical, Pathogen

Food/Water Security: Agricultural Productivity, Livestock Productivity

Temperature: Extreme Heat, Fluctuations

Geographic Feature:

resource focuses on specific type of geography

Other Geographical Feature

Other Geographical Feature : sub-antarctic

Geographic Location:

Climate Change and Human Health Literature Portal



resource focuses on specific location

Non-United States

Non-United States: Africa, Australasia, Central/South America

African Region/Country: African Country

Other African Country: South Africa

Health Impact:

specification of health effect or disease related to climate change exposure

Infectious Disease, Injury, Other Health Impact

Infectious Disease: Foodborne/Waterborne Disease, Vectorborne Disease

Foodborne/Waterborne Disease: General Foodborne/Waterborne Disease

Vectorborne Disease: General Vectorborne

Other Health Impact: heat stress

Mitigation/Adaptation:

mitigation or adaptation strategy is a focus of resource

Adaptation

Population of Concern: A focus of content

Other Racial/Ethnic Subgroup: Indigenous populations

Resource Type:

format or standard characteristic of resource

Review

Timescale:

time period studied

Time Scale Unspecified

Vulnerability/Impact Assessment:

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content